

HISTORIC AMERICAN ENGINEERING RECORD

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ROCK ISLAND ARSENAL
Government Bridge (Facility 320)
Fort Armstrong Avenue
Rock Island, Rock Island County, Illinois

HAER Number IL-20P

Photographed by: J Ceronie and Bruce A. Harms

OENNETT, MUESSIG, RYAN & ASSOCIATES, LTD.
Iowa City, Iowa

January, February, March 1985

- IL-20P-1 3/4 overall view from the Clock Tower Building (Building 205);
 looking NNW toward Oavenport, Iowa. (Ceronie)
- IL-20P-2 3/4 overall view from the Iowa (N) side; looking SSW. (Ceronie)
- IL-20P-3 Vehicular approach as seen from the Iowa (N) side; looking SE.
 (Harms)
- IL-20P-4 Railroad deck approach as seen from the Iowa (N) side; looking
 S. (Harms)
- IL-20P-5 Vehicular approach as seen from the Illinois (S) side; looking
 N. (Harms)
- IL-20P-6 W elevation of Pratt railroad approach span (Span A), Iowa (N)
 side, looking NE. (Harms)
- IL-20P-7 3/4 view of Pratt truss (Span D); looking NW. (Harms)
- IL-20P-8 Elevation of swing span (Span G); looking W. (Ceronie)
- IL-20P-9 Detail view of central panel and control room, swing span (Span
 G); looking W. (Ceronie)
- IL-20P10 General view of the railroad deck, Pratt truss (Span F); looking
 NNW. (Harms)
- IL-20P-11 General view of the vehicular deck, swing span (Span G); looking
 NNW. (Ceronie)

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- IL-20P-12 Detail view of concrete pier and the S end of Span F; looking SW. (Ceronie)
- IL-20P-13 General view of the stringer system, swing span (Span G), showing also the floor beams and anti-sway bracing; looking NNW. (Harms)
- IL-20P-14 S end view of Span F from open swing span (Span G); looking NNW. (Ceronie)
- IL-20P-15 Detail view of the lifting jacks for the swing span (Span G), Illinois (S) side; looking SW. (Ceronie)
- IL-20P-16 Overall view of the swing span (Span G) turning drum, showing rollers and drive chains; looking W. (Ceronie)
- IL-20P-17 Detail view of swing span (Span G) drive chain and rollers, looking W. (Ceronie)
- IL-20P-18 Interior view of control room, showing control panel and gears; looking SE. (Harms)
- IL-20P-19 Interior view of control room, showing turning gears; looking NW. (Harms)
- IL-20P-20 Top chord, pin-connected bottom chord & top lateral bracing; Pratt truss, Iowa side (Span A, railroad approach span); looking E. (Ceronie)
- IL-20P-21 Top & bottom chord, top lateral bracing, and inclined end post; Pratt truss (Span B); looking E. (Ceronie)
- IL-20P-22 Bottom chord and inclined end post, swing span (Span G); looking W. (Ceronie)
- IL-20P-23 Top chord and lateral bracing, swing span (Span G); looking W. (Ceronie)
- IL-20P-24 Middle pin connection at L4, showing also panels 1, 2, & 3; Swing Span (Span G); looking NE toward Davenport, Iowa. (Ceronie)
- IL-20P-25 View from railroad deck, showing middle pin connection at R6 and the positioning of the control room on the swing span (Span G); looking NE toward Davenport, Iowa. (Ceronie)
- IL-20P-26 Photograph of a photograph in possession of Rock Island Arsenal Historical Office. SERIES OF VIEWS BEFORE CONSTRUCTION OF LOCK AND DAM, SHOWING RAIL BED ON UPPER DECK (UPPER LEFT), SWING SPAN IN ROTATION (UPPER RIGHT), EAST ELEVATION OF SWING SPAN AND BALTIMORE TRUSSES (CENTER), VEHICULAR ROADWAY ON LOWER DECK (LOWER LEFT), AND DRAW PIER. ORIGINALLY PUBLISHED 1898.